

**In the claims:**

**At claim 1, line 8 after “a” insert - -centrally located - -;**

**At claim 1, line 14 after “seat” insert - - and further including a relatively small aperture in said valve stop for the admission of a slight vacuum into said cylindrical bellowed or corrugated cup - -;**

**At claim 6, line 13 after “a” insert - -centrally located - -;**

**At claim 6, line 19 after “seat” insert - - and further including a relatively small aperture in said valve stop for the admission of a slight vacuum into said cylindrical bellowed or corrugated cup - -;**

**At claim 9, line 1 delete “4” and substitute therefore - - 8 - -;**

**Add the following new claims 10 and 11:**

**10) A contact activated vacuum assisted suction cup assembly comprising:**

**1) a cylindrical bellowed or corrugated cup defining a plurality of interconnected bellows or corrugations of alternating, coaxial large and small diameter areas, said bellowed cup having;**

**A) an open contact end; and**

**B) a valve end including a valve seat;**

**2) a centrally located valve stem having first and second extremities;**

**3) a valve plate intermediate said open contact end and said valve end in one of said large diameter areas attached to said first extremity includes apertures therein for the passage of a vacuum; and**

- 4) a valve stop including a central threaded aperture, said valve stem being threaded and said valve stop being threaded onto said valve stem at said second extremity, said valve stop being of a size to engage said valve seat.**

**11) A picking device comprising:**

- A) a vacuum plenum fed by a vacuum inlet;**
- B) a plurality of plenum apertures in said vacuum plenum; and**
- C) in said plenum apertures, contact activated vacuum assisted suction cup assemblies comprising:**
  - i) a cylindrical bellowed or corrugated cup defining a plurality of interconnected bellows or corrugations of alternating, coaxial large and small diameter areas, said bellowed cup comprising;**
  - ii) an open contact end; and**
  - iii) a valve end including a valve seat and a peripheral flange for engagement with said plenum apertures;**
  - ii) a centrally located valve stem having first and second extremities;**
  - iii) a valve plate intermediate said open contact end and said valve end in one of said large diameter areas**

**attached to said first extremity and including apertures  
therein for the passage of a vacuum; and**

**iv) a valve stop including a central threaded  
aperture, said valve stem being threaded and said valve stop  
being threaded onto said valve stem at said second extremity,  
said valve stop being of a size to engage said valve seat.**